

Refine Search

Search Results -

Terms	Documents
L6 and cool\$5	10

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L7

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, October 21, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L7</u>	L6 and cool\$5	10	<u>L7</u>
<u>L6</u>	L5 and (tube or nozzle)	10	<u>L6</u>
<u>L5</u>	L4 and silica	20	<u>L5</u>
<u>L4</u>	L3 and feed	23	<u>L4</u>
<u>L3</u>	L2 and reactor	36	<u>L3</u>
<u>L2</u>	L1 AND HETEROPOLYACID CATALYST	50	<u>L2</u>
<u>L1</u>	ESTER AND OLEFIN AND CARBOXYLIC ACID	44072	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040167353 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 10

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167353

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167353 A1

TITLE: Ester synthesis

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Becker, Stanley John	Addlestone		GB	
Bryne, Geoffrey	Bishopston		GB	
Froom, Simon Frederick Thomas	Snaith		GB	
Hodge, Stephen Robert	Beverley		GB	

US-CL-CURRENT: 560/241

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20020161124 A1

L7: Entry 2 of 10

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161124

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161124 A1

TITLE: Dispersants prepared from high polydispersity olefin polymers

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Johnson, John R.	Euclid	OH	US	
Burrington, James D.	Mayfield Village	OH	US	
Kolp, Christopher J.	Richmond Heights	OH	US	
Pudelski, John K.	Cleveland Heights	OH	US	

Dietz, Jeffrey G.	University Heights	OH	US
McCullough, Gregory R.	Seabrook	TX	US
Baumanis, Charles K.	Geneva	OH	US
Cerda de Groote, Carlos L.	Lakewood	OH	US

US-CL-CURRENT: 525/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20010047107 A1

L7: Entry 3 of 10

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047107
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010047107 A1

TITLE: Ester synthesis

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Coker, Eric Nicholas	Albuquerque	NM	US	
Froom, Simon Frederick Thomas	Snaith		GB	
Smith, Warren John	Feltham		GB	

US-CL-CURRENT: 560/247

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20010029307 A1

L7: Entry 4 of 10

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029307
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010029307 A1

TITLE: Ester Synthesis

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Froom, Simon Frederick Thomas	East Yorkshire		GB	
Hodge, Stephen Robert	East Yorkshire		GB	
Pacynko, Witold Franciszek	East Yorkshire		GB	

US-CL-CURRENT: 560/247

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 5. Document ID: US 6794535 B2

L7: Entry 5 of 10

File: USPT

Sep 21, 2004

US-PAT-NO: 6794535

DOCUMENT-IDENTIFIER: US 6794535 B2

TITLE: Ester synthesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 6500898 B2

L7: Entry 6 of 10

File: USPT

Dec 31, 2002

US-PAT-NO: 6500898

DOCUMENT-IDENTIFIER: US 6500898 B2

TITLE: Dispersants prepared from high polydispersity olefin polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 6407170 B1

L7: Entry 7 of 10

File: USPT

Jun 18, 2002

US-PAT-NO: 6407170

DOCUMENT-IDENTIFIER: US 6407170 B1

TITLE: Dispersants prepared from high polydispersity olefin polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 8. Document ID: US 6187949 B1

L7: Entry 8 of 10

File: USPT

Feb 13, 2001

US-PAT-NO: 6187949

DOCUMENT-IDENTIFIER: US 6187949 B1

TITLE: Synthesis of lower aliphatic esters using heteropolyacids with an aldehyde-free product stream

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 9. Document ID: US 5817831 A

L7: Entry 9 of 10

File: USPT

Oct 6, 1998

US-PAT-NO: 5817831

DOCUMENT-IDENTIFIER: US 5817831 A

TITLE: Alkylation of aromatic amines using a heteropoly catalyst

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Attachments	Claims	KWIC	Draw. De
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☐ 10. Document ID: US 5416240 A

L7: Entry 10 of 10

File: USPT

May 16, 1995

US-PAT-NO: 5416240

DOCUMENT-IDENTIFIER: US 5416240 A

**** See image for Certificate of Correction ****

TITLE: Preparation of poloxy-alkylene glycols

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Attachments	Claims	KWIC	Draw. De
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